

Amendments to the Claims:

Please amend claims 5-8, as shown below.

This listing of claims replaces all prior versions and listings of claims in the application:

1. (original) Homogeneous assay method of quantitative measurement of kinase, phosphatase and phosphodiesterase (PDE) reactions, characterized in that the kinase, phosphatase or phosphodiesterase is allowed to react with a fluorescent, phosphorylatable or dephosphorylatable substrate in the presence of a polycationic polymer containing quencher groups and the change in phosphorylation is determined by way of the change in fluorescence.
2. (original) Assay method according to Claim 1, in which the polycationic polymer is polyethylenimine, polyarginine, polylysine and/or polyhistidine.
3. (original) Assay method according to Claim 1, in which the quencher is Dabcyl, QSY35 or another dye suitable for energy transfer, which itself is non-fluorescent.
4. (original) Assay method according to Claim 1, in which the fluorescent label is fluorescein, EDANS, rhodamine, Cy5, EvoBlue dyes, coumarins and/or Alexa dyes.
5. (amended) Assay method according to ~~any of Claims Claim1 to 4~~, in which the measurement is carried out kinetically.
6. (amended) Assay method according to ~~any of Claims Claim1 to 4~~, in which the measurement is carried out in parallel/simultaneously in a microtitre plate.
7. (amended) Assay method according to ~~any of Claims Claim1 to 6~~, in which the

change in fluorescence is either the change in fluorescence intensity or the change in fluorescence lifetime.

8. (amended) Assay method according to ~~any of Claims~~ Claim 1 to 7, in which the measurement is used for discovering active compounds which influence the kinase, phosphatase or phosphodiesterase reaction investigated.